

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 2

BEST AVAILABLE COPY

In the Claims:

Please amend Claims 60, 97, and 108 as follows:

1-59. (canceled)

60. (currently amended) An automobile exterior sideview mirror system comprising:

an exterior sideview mirror assembly adapted for attachment to a side of an automobile;

said exterior sideview mirror assembly including a reflective element assembly;

said reflective element assembly including a first reflective element having unit magnification and a second reflective element having a curvature;

said first reflective element and said second reflective element supported at a support element and with a demarcation element between said first and second reflective elements, said first and second reflective elements abutting opposing sides of said demarcation element;

said second reflective element disposed at an outer, upper portion of said reflective element assembly when said reflective element assembly is included in said exterior sideview mirror assembly and when said exterior sideview mirror assembly is attached to the side of an automobile;

said second reflective element supported on said support element adjacent to and separate from said first reflective element;

~~a demarcation element between said first reflective element and said second reflective element;~~ and

wherein the portion of said second reflective element abutting said demarcation element-abutting said first reflective element has its front surface generally coplanar with the front surface of said first reflective element substantially along the entire length that said second reflective element abuts said demarcation element.

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 3

61. (previously presented) The exterior sideview mirror system of Claim 60, wherein said demarcation element is dark colored.

62. (previously presented) The exterior sideview mirror system of Claim 60, wherein said reflective element assembly includes a first bezel portion extending around said first reflective element, said demarcation element comprising a segment of said first bezel portion.

63. (previously presented) The exterior sideview mirror system of Claim 60, wherein said second reflective element comprises a curved reflective element comprising a bent substrate with at least one radius of curvature in the range of about 4000 mm to about 100 mm.

64. (previously presented) The exterior sideview mirror system of Claim 60, wherein said support element comprises a frame, said first and second reflective elements being mounted at said frame.

65. (previously presented) The exterior sideview mirror system of Claim 64, wherein said second reflective element is mounted at said frame at an outboard position, and said first reflective element is positioned adjacent said second reflective element and at an inboard position with respect to said second reflective element when said exterior sideview mirror assembly is mounted to an automobile.

66. (previously presented) The exterior sideview mirror system of Claim 64, wherein said first reflective element is mounted at said frame by a backing plate.

67. (previously presented) The exterior sideview mirror system of Claim 66, wherein said backing plate is adapted to mount to an actuator operable to adjust the orientation of said reflective element assembly.

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 4

68. (previously presented) The exterior sideview mirror system of Claim 67, wherein said actuator comprises an electrical actuator.

69. (previously presented) The exterior sideview mirror system of Claim 64, wherein said first reflective element and said second reflective element are adjacently attached at said frame, said frame including a first perimeter portion and a second perimeter portion, said first perimeter portion extending around said first reflective element, and said second perimeter portion extending around said second reflective element.

70. (previously presented) The exterior sideview mirror system of Claim 69, wherein a side portion of said first perimeter portion of said frame provides said demarcation element between said first reflective element and said second reflective element.

71. (previously presented) The exterior sideview mirror system of Claim 69, wherein said second perimeter portion is angled downwardly and forwardly with respect to said first perimeter portion when said mirror assembly is mounted to an automobile.

72. (previously presented) The exterior sideview mirror system of Claim 64, wherein said second reflective element is attached at said frame by at least one of an adhesive attachment and a mechanical attachment.

73. (previously presented) The exterior sideview mirror system of Claim 66, wherein said backing plate is attached to one side of said first reflective element and said frame by one of an adhesive attachment, a welded attachment, and a mechanical attachment.

74. (previously presented) The exterior sideview mirror system of Claim 73, wherein an opposed side of said frame forms a bezel around said first reflective element.

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 5

75. (previously presented) The exterior sideview mirror system of Claim 60, wherein said first reflective element includes a rearward field of view having a principal axis different from a principal axis of the rearward field of view of said second reflective element when mounted in said exterior sideview mirror assembly.

76. (previously presented) The exterior sideview mirror system of Claim 75, wherein said principal axis of the rearward field of view of said second reflective element is directed generally outwardly and downwardly with respect to a longitudinal axis of the automobile.

77. (previously presented) The exterior sideview mirror system of Claim 76, wherein said principal axis of the rearward field of said second reflective element forms a downward angle with respect to the longitudinal axis of the automobile in the range from about 0.75° to about 5° .

78. (previously presented) The exterior sideview mirror system of Claim 77, wherein said downward angle is in a range from about 1.5° to about 3.5° .

79. (previously presented) The exterior sideview mirror system of Claim 77, wherein said downward angle is in a range of about 2° to about 3° .

80. (previously presented) The exterior sideview mirror system of Claim 76, wherein said principal axis of said second reflective element forms an outward angle with respect to the longitudinal axis of the automobile in a range of about 0.75° to about 5° .

81. (previously presented) The exterior sideview mirror system of Claim 80, wherein said outward angle is in a range of about 1° to about 3° .

82. (previously presented) The exterior sideview mirror system of Claim 81, wherein said outward angle is in a range of about 1.25° to about 2.5° .

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 6

83. (withdrawn) The exterior sideview mirror system of Claim 81, wherein said exterior sideview mirror assembly comprises a fixedly attached exterior sideview mirror assembly.

84. (previously presented) The exterior sideview mirror system of Claim 60, wherein said exterior sideview mirror assembly comprises a break-away exterior sideview mirror assembly.

85. (withdrawn) The exterior sideview mirror system of Claim 60, wherein said exterior sideview mirror assembly comprises a powerfold exterior sideview mirror assembly.

86. (previously presented) The exterior sideview mirror system of Claim 60, wherein at least one of said first reflective element and said second reflective element comprises a variable reflectance reflective element.

87. (previously presented) The exterior sideview mirror system of Claim 86, wherein each of said first reflective element and said second reflective element comprises a variable reflectance reflective element.

88. (previously presented) The exterior sideview mirror system of Claim 60, wherein said first reflective element comprises an electrochromic reflective element.

89. (previously presented) The exterior sideview mirror system of Claim 60, wherein said first reflective element has a first principal axis and said second reflective element has a second principal axis when supported on said support element, said second principal axis being angled outwardly from said first principal axis at an angle in a range of about 0.75° to about 5°.

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 7

90. (previously presented) The exterior sideview mirror system of Claim 89, wherein said second principal axis is angled outwardly from said first principal axis at an angle in a range of about 1° to about 3°.

91. (previously presented) The exterior sideview mirror system of Claim 89, wherein said second principal axis is angled outwardly from said first principal axis at an angle in a range of about 1.25° to about 2.5°.

92. (previously presented) The exterior sideview mirror system of Claim 60, wherein said second reflective element has a second principal axis that is angled downwardly from a first principal axis of said first reflective element when supported on said support element.

93. (previously presented) The exterior sideview mirror system of Claim 92, wherein said second principal axis is angled downwardly from said first principal axis at an angle in a range of approximately 0.75° to about 5°.

94. (previously presented) The exterior sideview mirror system of Claim 92, wherein said second principal axis is angled downwardly from said first principal axis at an angle in a range of about 2° to about 3°.

95. (previously presented) The exterior sideview mirror system of Claim 60, wherein said second reflective element has a second principal axis that is directed generally outwardly and downwardly with respect to a longitudinal axis of an automobile when said mirror assembly is mounted to the automobile.

96. (previously presented) The exterior sideview mirror system of Claim 60, wherein said support element includes a support surface for said second reflective element, said support surface angling a second principal axis of said second reflective element.

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 8

97. (currently amended) An automobile exterior sideview mirror system comprising:
an exterior sideview mirror assembly adapted for attachment to a side of an automobile;
said exterior sideview mirror assembly including a reflective element assembly;
said reflective element assembly including a first reflective element having unit magnification and a second reflective element having a curvature;
said second reflective element disposed at an outer, upper portion of said reflective element assembly when said reflective element assembly is included in said exterior sideview mirror assembly and when said exterior sideview mirror assembly is attached to the side of an automobile;
said second reflective element disposed adjacent to and separate from said first reflective element;
said first reflective element including a rearward field of view having a principal axis different from a principal axis of the rearward field of view of said second reflective element when mounted in said exterior sideview mirror assembly;
a demarcation element between said first reflective element and said second reflective element, said first and second reflective elements abutting opposing sides of said demarcation element; and
wherein the portion of said second reflective element ~~adjacent~~ abutting said demarcation element has its front surface generally coplanar with the front surface of said first reflective element substantially along the entire length that said second reflective element abuts said demarcation element.

98. (previously presented) The exterior sideview mirror system of Claim 97, wherein said reflective element assembly includes a first bezel portion extending around said first reflective element, said demarcation element comprising a segment of said first bezel portion.

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 9

99. (previously presented) The exterior sideview mirror system of Claim 97, wherein said second reflective element comprises a curved reflective element comprising a bent substrate with at least one radius of curvature in the range of about 4000 mm to about 100 mm.

100. (previously presented) The exterior sideview mirror system of Claim 97, further comprising a support element, said first reflective element and said second reflective element supported at said support element.

101. (previously presented) The exterior sideview mirror system of Claim 100, wherein said support element including a support surface for said second reflective element, said support surface angling said principal axis of said second reflective element.

102. (previously presented) The exterior sideview mirror system of Claim 101, wherein said principal axis of said second reflective element is directed generally outwardly and downwardly with respect to the longitudinal axis of an automobile when said mirror assembly is mounted to the automobile.

103. (previously presented) The exterior sideview mirror system of Claim 97, further comprising an actuator operable to adjust the orientation of said reflective element assembly.

104. (previously presented) The exterior sideview mirror system of Claim 97, wherein said principal axis of the rearward field of view of said second reflective element is directed generally outwardly and downwardly with respect to a longitudinal axis of the automobile.

105. (previously presented) The exterior sideview mirror system of Claim 97, wherein said principal axis of said second reflective element forms an outward angle with respect to a longitudinal axis of the automobile.

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 10

106. (previously presented) The exterior sideview mirror system of Claim 97, further comprising a frame, said first and second reflective elements being mounted at said frame, said frame including a first perimeter portion and a second perimeter portion, said first perimeter portion extending around said first reflective element, and said second perimeter portion extending around said second reflective element.

107. (previously presented) The exterior sideview mirror system of Claim 106, wherein a side portion of said first perimeter portion of said frame provides said demarcation element between said first reflective element and said second reflective element.

108. (currently amended) An automobile exterior sideview mirror system comprising:
an exterior sideview mirror assembly adapted for attachment to a side of an automobile;
said exterior sideview mirror assembly including a reflective element assembly;
said reflective element assembly including a first reflective element having unit magnification and a second reflective element having a curvature;
an actuator operable to adjust the orientation of said reflective element assembly;
said second reflective element disposed at an outer, upper portion of said reflective element assembly when said reflective element assembly is included in said exterior sideview mirror assembly and when said exterior sideview mirror assembly is attached to the side of an automobile;
said second reflective element disposed adjacent to and separate from said first reflective element;
a demarcation element between said first reflective element and said second reflective element, said first and second reflective elements abutting opposing sides of said demarcation element; and
wherein the portion of said second reflective element ~~adjacent~~ abutting said demarcation element has its front surface generally coplanar with the front surface of said first

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 11

reflective element substantially along the entire length that said second reflective element abuts said demarcation element.

109. (previously presented) The exterior sideview mirror system of Claim 108, wherein said first reflective element has a first principal axis and said second reflective element has a second principal axis, said second principal axis being angled outwardly from said first principal axis.

110. (previously presented) The exterior sideview mirror system of Claim 109, wherein said second principal axis is angled downwardly from said first principal axis of said first reflective element.

111. (previously presented) The exterior sideview mirror system of Claim 110, wherein said second principal axis is directed generally outwardly and downwardly with respect to a longitudinal axis of an automobile when said mirror assembly is mounted to the automobile.

112. (previously presented) The exterior sideview mirror system of Claim 110, further comprising a support element, said support element including a support surface for said second reflective element, said support surface angling said second principal axis of said second reflective element relative to said first principal axis.

113. (previously presented) The exterior sideview mirror system of Claim 112, wherein said support element comprises a frame, said first and second reflective elements being mounted at said frame.

114. (previously presented) The exterior sideview mirror system of Claim 113, wherein said second reflective element is mounted at said frame at an outboard position, and said first reflective element is positioned adjacent said second reflective element and at an inboard

Applicants : Niall R. Lynam et al.
Serial No. : 10/817,645
Page : 12

position with respect to said second reflective element when said exterior sideview mirror assembly is mounted to an automobile.

115. (previously presented) The exterior sideview mirror system of Claim 114, wherein said frame includes a first perimeter portion and a second perimeter portion, said first perimeter portion extending around said first reflective element, and said second perimeter portion extending around said second reflective element.

116. (previously presented) The exterior sideview mirror system of Claim 115, wherein a side portion of said first perimeter portion of said frame provides said demarcation element between said first reflective element and said second reflective element.

117. (previously presented) The exterior sideview mirror system of Claim 116, wherein said second perimeter portion is angled downwardly and forwardly with respect to said first perimeter portion when said mirror assembly is mounted to an automobile.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☐ **BLACK BORDERS**

☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☐ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.